## **DECLARATION AND POWER OF ATTORNEY**

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to

			Priority Claimed	
Application Number	Country	Filing Date	Yes No	
Hei. 10-119731	<b>J</b> apanese	April 28, 1998	☑ □	
this application as defined in 37 (international filing date of this application No.	C.F.R. 1.56 which occurred plication:	I between the filing date of the Filing Date	prior application and the national or PC	T
Darryl Mexic, Reg. No. 23,063; F Waddell A. Biggart, Reg. No. 24, 28,703; John R. Inge, Reg. No. 5 Turner, Reg. No. 29,710; Howard 31,333; Gordon Kit, Reg. No. 30, 32,197; William H. Mandir, Reg Kramer, Reg. No. 33,725; Paul F George F. Lehnigk, Reg. No. 36,	Robert V. Sloan, Reg. No. 2 ,861; Louis Gubinsky, Reg. 26,916; Joseph J. Ruch, Jr d L. Bernstein, Reg. No. 2 ,764; Susan J. Mack, Reg. 1 . No. 32,156; Brian W. Ha . Neils, Reg. No. 33,102; E ,359, John T. Callahan, Re	22,775; Peter D. Olexy, Reg. No. 24,835; Neil B. Siegel, Reg. No. 26,577; Sheldon I. 5,665; Alan J. Kasper, Reg. No. 30,951; Frank L. Bernstein, annon, Reg. No. 32,778; Abrah Brett S. Sylvester, Reg. No. 32,7g. No. 32,607, Steven M. Grust, my attorneys to prosecute this	192; Robert J. Seas, Jr., Reg. No. 21,09. 24,513; J. Frank Osha, Reg. No. 24,629. No. 25,200; David J. Cushing, Reg. No. 25,420; Richard D. 25,426; Kenneth J. Burchfiel, Reg. No. 31,484; Mark Boland, Reg. Nam J. Rosner, Reg. No. 33,276; Bruce 165; Robert M. Masters, Reg. No. 35,666. kin, Reg. No. 36,818, Peter A. McKenapplication and to transact all business	25; No. C. No. No. E. 03,
the Patent and Trademark Office	e connected therewith, and	d request that all corresponden	ce about the application be addressed e, N.W., Washington, D.C. 20037-3213.	in to
the Patent and Trademark Office SUGHRUE, MION, ZINN, M. I/We hereby declare that all state belief are believed to be true; and	e connected therewith, and IACPEAK & SEAS, PL ements made herein of my further that these statement or imprisonment, or both,	d request that all corresponden LC, 2100 Pennsylvania Avenue own knowledge are true and that its were made with the knowled under Section 1001 of Title 18	ce about the application be addressed by N.W., Washington, D.C. 20037-3213. The at all statements made on information age that willful false statements and the less of the United States Code and that such as the states are that such as the states are the states and that such as the states are the states a	in to and like
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		•			First Name	Middle Initial	Last Name
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Citizenship	IRELAN	D					
Date				Ninth Investor	Chand		T
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		<del>-:-</del>	-		1-7		
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Date				Tenth Inventor	Michael J.		Agostino
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Date				Eleventh	Zhijian		Lu
				Inventor	. First Name	h 41 d 41 - 4 - 1 - 1	
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	City		State/Country		/	<del></del>	<u> </u>
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ivialing Add	11035.	120 Old B	ourmigion Road,	Bedford, MA 0173	· · · · · · · · · · · · · · · · · · ·		
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Date	De	rc 11 201	Twelfth Inventor	David		Merberg	
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Citizenship	U.S.		····				

## **DECLARATION AND POWER OF ATTORNEY**

I'We as below named inventors, I'We hereby declare that our residence, mailing addresses and citizenship are as stated below next to

(if plural names are	e listed below) of the su	e original, invento bject matter clain	ors (if only one named and for which a	ne is listed below) or an a patent is sought in the	i original, firsi application en	and joint inventor titled:
A NO Which application   The attaction	OVEL POLYPEPTIDE, is: ched application	A cD A ENEOU	OING THE POLY	PEPTIDE AND UTILIZ  Application No.	ATION THE	REOF
(for original applic	cation)	JAN 0 3 2003	يو مخ	filed October 30, 200 PCT/JP99/02284, file	00 as the U.S. ed April 28, 19	national stage of 999
amended by any ar material to the pate States Code §119( provisional applica States of America	mendment referred to a entability of this applica (a)-(d) or §365(b) of a ation(s), or §365(a) of a , listed below and have	bove; that I acknous  tion as defined in  ny foreign applic  ny PCT Internation  also identified b	owledge my duty to 37 C.F.R. 1.56, th ation(s) for patent onal application wheelow any foreign	(for declaration not a e above-identified applied disclose information of at I hereby claim priority or inventor's certificate ich designated at least of application for patent of n on which priority is claim	ication, included which I am a sty benefits uncle, §119(e) of one country of inventor's country's country'	ling the claims, as aware and which is ler Title 35, United any United States her than the United
Application Nu	mber	Country	Filing	Date	Priority Cl Yes	laimed No
Hei. 10-1197	731	Japanese	April 28	3, 1998	Ø	
International appli application is not paragraph of Title this application as international filing	cation designating the disclosed in a listed p 35, United States Code	United States, lis prior United State e, §112, I acknow .56 which occurre	ted below and, insets or PCT Internated ledge my duty to led between the fili	United States application as the subject mate tional application in the disclose any information application appli	ter of each of ne manner pro n material to lication and t	the claims of this ovided by the first the patentability of
Арр	meadon No.		Filing Date		Status	
Darryl Mexic, Reg Waddell A. Biggar 28,703; John R. In Turner, Reg. No. 31,333; Gordon K 32,197; William In Kramer, Reg. No. George F. Lehnigh Reg. No. 38,551 at the Patent and Tr SUGHRUE, MI	g. No. 23,063; Robert V rt, Reg. No. 24,861; Lo nge, Reg. No. 26,916; 29,710; Howard L. Ber it, Reg. No. 30,764; Su H. Mandir, Reg. No. 32 33,725; Paul F. Neils, k, Reg. No. 36,359, Jol and Edward F. Kenehar rademark Office conne- ion, ZINN, MACPE	J. Sloan, Reg. No. uis Gubinsky, Reg. Joseph J. Ruch, Instein, Reg. No. san J. Mack, Reg. 1,156; Brian W. F. Reg. No. 33,102; an T. Callahan, R. Reg. No. 28,96; cted therewith, an AK & SEAS, P.	22,775; Peter D. Cg. No. 24,835; Neil Jr., Reg. No. 26,5' 25,665; Alan J. K. No. 30,951; Franl Hannon, Reg. No. Brett S. Sylvester, eg. No. 32,607, Si 2, my attorneys to nd request that all LLC, 2100 Pennsy	Reg. No. 19,292; Robe Dlexy, Reg. No. 24,513; B. Siegel, Reg. No. 25 77; Sheldon I. Landsma asper, Reg. No. 25,426 k. L. Bernstein, Reg. No 32,778; Abraham J. Ro Reg. No. 32,765; Rob teven M. Gruskin, Reg. prosecute this applicati correspondence about vlvania Avenue, N.W., V	J. Frank Osha, 200; David J. an, Reg. No.; Kenneth J. I. 31,484; Mar sner, Reg. No. ert M. Master No. 36,818, on and to tranthe application.	A, Reg. No. 24,625; Cushing, Reg. No. 25,430; Richard C. Burchfiel, Reg. No. & Boland, Reg. No. b. 33,276; Bruce E. s, Reg. No. 35,603, Peter A. McKenna, usact all business in on be addressed to 0.C. 20037-3213.
belief are believed so made are punis	I to be true; and further	that these stateme sonment, or both	ents were made wit , under Section 10	are true and that all stat th the knowledge that wi 101 of Title 18 of the U patent issuing thereon.	illful false stat	ements and the like
Date		F	_	Tasuku		ОГИС
Residence K	yoto J	apan	Signature		dle Initial L	ast Name
Ci Mailing Address:		State/Country -cho, Iwakura, Sa		KYOTO 606-0001 JA	PAN	
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Residence	Reading, M	1A	U.S.A. State/Country	Sign	First Name nature Ken	Middle Initial	Last Name
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-		151 Beaur	nont Avenue, Re	ading, MA 0186	√John M.		МсСоу .
Citizenship			U.S.A State/Country	Fifth Inventor	7 /	Middle Initial	McCoy Last Name
Citizenship  Date	U.S.  Reading, M	ЛА	U.S.A	Fifth Inventor	John M. First Name	Middle Initial	
Citizenship  Date  Residence	U.S.  Reading, M	ЛА	U.S.A State/Country	Fifth Inventor	John M. First Name	Middle Initial	
Citizenship  Date  Residence  Mailing Add	U.S.  Reading, N City ress:	ЛА	U.S.A State/Country	Fifth Inventor	John M. First Name nature  Lisa A.		Last Name  Collins-Racie
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Citizenship  Date  Residence  Mailing Add  Citizenship  Date	Reading, N City ress:  U.K.  Acton, MA City	MA 56 Howar 27/01	U.S.A State/Country d Street, Reading	Sixth Inventor	John M.  First Name nature  Lisa A.  First Name		Collins-Racie

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Citizenship	IRELAN	√D			· · · · · · · · · · · · · · · · · · ·		
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Date				_ Tenth Inventor	Michael J. First Name	Middle Initial,	Agostino Last Name
Residence	Andover City	, MA	U.S.A. State/Country		nur <i>ys <u>////////</u></i>	all yout	
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Citizenship	U.S.						
Date	11/27	/200/	/	Eleventh Inventor	Zhijian 		Lu
Residence	Bedford,	, MA	U.S.A.	Signa	tyre Sur	Middle Initial	Last Name
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Citizenship

People's Rep. Of China

	***		First Name	Middle Initial	Last Name
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I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to

my name: tha (if plural name	t verily believe s are listed be	e I/We are the original, low) of the subject matt	inventors (if on er claimed and f	ly one name or which a p	: is listed belo patent is sougl	w) or an original, that in the application	first and joint inventor a entitled:
Which applica	tion is: attached appli	1	11 2000 E O NAL		☑ Applicati	ion No. <u>09/674,3</u>	79 .S. national stage of
amended by an material to the States Code § provisional ap States of Ame	ny amendment patentability ( 119(a)-(d) or plication(s), or crica, listed be	derstand the contents referred to above; that of this application as de §365(b) of any foreign §365(a) of any PCT In low and have also iden having a filing date be	t I acknowledge fined in 37 C.F.I a application(s) aternational applitified below an	my duty to R. 1.56, that for patent of ication which y foreign appropriate to the control of the	above-identification disclose information in the information in the information in the information for a supplication for a sup	mation of which I a m priority benefits certificate, §119(e) at least one country patent or inventor	cluding the claims, as am aware and which is under Title 35, United of any United States y other than the United
Applicatio	n Number	Country		Filing D	ate	Priorii Yes	ty Claimed No
Hei. 10	-119731	Japanese		April 28,			
paragraph of this application	Fitle 35, Unite n as defined i	in a listed prior Unit d States Code, §112, I 1 37 C.F.R. 1.56 which is application:	acknowledge m	y duty to den the filing	isclose any in	formation material	to the patentability of
Darryl Mexic, Waddell A. B 28,703; John Turner, Reg. 31,333; Gordd 32,197; Willis Kramer, Reg. George F. Le Reg. No. 38,5 the Patent an SUGHRUE,	Reg. No. 23,(iggart, Reg. N R. Inge, Reg. No. 29,710; H on Kit, Reg. N am H. Mandir No. 33,725; P hnigk, Reg. N 551 and Edward d Trademark	H. Mion, Reg. No. 18,8 163; Robert V. Sloan, Ro. 24,861; Louis Gubin. No. 26,916; Joseph J. oward L. Bernstein, Ro. 30,764; Susan J. Mar, Reg. No. 32,156; Briaul F. Neils, Reg. No. 36,359, John T. Calld F. Kenehan, Reg. No. Office connected there N, MACPEAK & SI	eg. No. 22,775; sky, Reg. No. 24 Ruch, Jr., Reg. eg. No. 25,665; ck, Reg. No. 30, an W. Hannon, 33,102; Brett S. ahan, Reg. No. b. 28,962, my attention	Peter D. Old, 8,835; Neil 1 No. 26,577 Alan J. Kas 951; Frank Reg. No. 3: Sylvester, 1 32,607, Steptorneys to post that all 6.00 Pennsyl	lexy, Reg. No. B. Siegel, Reg 7; Sheldon I. sper, Reg. No L. Bernstein, 2,778; Abraha Reg. No. 32,70 ven M. Grusk prosecute this a correspondency ania Avenue	24,513; J. Frank ( 2. No. 25,200; David Landsman, Reg. No. 25,426; Kenneth Reg. No. 31,484; No. 31,484; No. 31,484; No. 31,484; No. 36,81 Landsman, Reg. Reg. Reg. Reg. Reg. Reg. Reg. Reg.	Osha, Reg. No. 24,625; id J. Cushing, Reg. No. 10. 25,430; Richard C. J. Burchfiel, Reg. No. Mark Boland, Reg. No. No. 33,276; Bruce E. sters, Reg. No. 35,603, 18, Peter A. McKenna, transact all business in cation be addressed to n, D.C. 20037-3213.
belief are beli so made are	eved to be true punishable by	statements made herei e; and further that these fine or imprisonment, jeopardize the validity	statements were or both, under	made with Section 100	the knowledg	e that willful false of the United Stat	statements and the like
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Citizenship	- Japanese	-7	111-			· · · · · · · · · · · · · · · · · · ·	,
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Residence	City	Саптоппа	U.S.A. State/Country	Signa	ature /or	1. Mahm	
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Citizenship	Japanese			<del></del>			
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Date				Fourth Inventor		ACTIO CONT	JACOBS
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Residence	Reading, M City	<u>IA</u>	U.S.A. State/Country	Signa			
Residence  Mailing Add	City		State/Country	Signa ading, MA 01867	ature		
	City		State/Country	···	ature		
Mailing Add	City ress:		State/Country	···	ature		
	City	151 Beaum	State/Country	ading, MA 01867	ature		
Mailing Add	City ress: 	151 Beaum	State/Country	ading, MA 01867	ature		
Mailing Add	City ress: U.S.	151 Beaum	State/Country	ading, MA 01867	ature		
Mailing Add	City ress: U.S. Reading, M	151 Beaum	State/Country nont Avenue, Re U.S.A	ading, MA 01867	John M. First Name		McCoy Last Name
Mailing Add	City ress: U.S.	151 Beaum	State/Country	ading, MA 01867	John M. First Name	Middle Initial	McCoy Last Name
Mailing Add	City  Tess:  U.S.  Reading, M. City	151 Beaum	State/Country nont Avenue, Re U.S.A	ading, MA 01867  Fifth Inventor Sign	John M. First Name	Middle Initial	McCoy Last Name
Mailing Add Citizenship Date Residence	City  Tess:  U.S.  Reading, M. City	151 Beaum	U.S.A State/Country	ading, MA 01867  Fifth Inventor Sign	John M. First Name	Middle Initial	McCoy Last Name
Mailing Add Citizenship Date Residence	City  Tess:  U.S.  Reading, M. City	151 Beaum	U.S.A State/Country	ading, MA 01867  Fifth Inventor Sign	John M. First Name	Middle Initial	McCoy Last Name
Mailing Add Citizenship Date Residence Mailing Add	City  ress:	151 Beaum	U.S.A State/Country	ading, MA 01867  Fifth Inventor Sign	John M.  First Name ature	Middle Initial	McCoy Last Name
Mailing Add Citizenship  Date  Residence  Mailing Add	City ress:	151 Beaum	U.S.A State/Country	Fifth Inventor Sign	John M. First Name ature	Middle Initial	McCoy Last Name
Mailing Add Citizenship  Date Residence  Mailing Add Citizenship  Date	City Tess:	151 Beaum	U.S.A State/Country	Fifth Inventor Sign  MA 01867  Sixth Inventor	John M. First Name ature  Lisa A. First Name	Middle Initial	McCoy Last Name
Mailing Add Citizenship  Date  Residence  Mailing Add  Citizenship	City  Tess:	151 Beaum	U.S.A State/Country	Fifth Inventor Sign  MA 01867  Sixth Inventor	John M. First Name ature  Lisa A. First Name	Middle Initial	McCoy Last Name  Collins-Racie Last Name
Mailing Add Citizenship  Date Residence  Mailing Add Citizenship  Date Residence	City  Reading, M City  City  Acton, MA City	151 Beaum	U.S.A State/Country d Street, Reading U.S.A. State/Country	Fifth Inventor Sign  MA 01867  Sixth Inventor Sign	John M. First Name ature  Lisa A. First Name	Middle Initial	McCoy Last Name  Collins-Racie Last Name
Mailing Add Citizenship  Date Residence  Mailing Add Citizenship  Date	City  Reading, M City  City  Acton, MA City	151 Beaum	U.S.A State/Country	Fifth Inventor Sign  MA 01867  Sixth Inventor Sign	John M. First Name ature  Lisa A. First Name	Middle Initial	McCoy Last Name  Collins-Racie Last Name
Mailing Add Citizenship  Date Residence  Mailing Add Citizenship  Date Residence	City  Reading, M City  City  Acton, MA City	151 Beaum	U.S.A State/Country d Street, Reading U.S.A. State/Country	Fifth Inventor Sign  MA 01867  Sixth Inventor Sign	John M. First Name ature  Lisa A. First Name	Middle Initial	McCoy Last Name  Collins-Racie Last Name

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I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor

(if plural names	are listed below) of the su	bject matter claimed and fo	or which a patent is sought in the a	pplication entitled:
Which application	on is:	A cDNA ENCODING TH	E POLYPEPTIDE AND UTILIZA	
☐ The at (for original app	ttached application		✓ Application No.	
(101 original app	neation	PCT/JP99/02284, file	0 as the U.S. national stage of d April 28, 1999	
amended by any material to the p States Code §11 provisional appl States of Ameri	amendment referred to all atentability of this applica 19(a)-(d) or §365(b) of an ication(s), or §365(a) of an ca, listed below and have	oove; that I acknowledge nation as defined in 37 C.F.R ny foreign application(s) f ny PCT International application application application application and the second and the second and the second and the second application and the second and the	(for declaration not action of the above-identified application of the above-identified application of the disclose information of the control of the contro	which I am aware and which is benefits under Title 35, United , §119(e) of any United States ne country other than the United inventor's certificate or of any
Application	Number	Country	Filing Date	Priority Claimed
Hei. 10-11	•	Japanese	April 28, 1998	Yes No
110 10-11		panese	April 40, 1770	<b>ч</b>
International apparagraph of Tithis application  this application	plication designating the ot disclosed in a listed p tle 35, United States Code	United States, listed below prior United States or PC e, §112, I acknowledge my .56 which occurred between	O of any United States applicated and, insofar as the subject mate T International application in the duty to disclose any information on the filing date of the prior application.	er of each of the claims of this e manner provided by the first a material to the patentability of
, A	application No.	Filing (	Date	Status
Darryl Mexic, F Waddell A. Big 28,703; John R Turner, Reg. No 31,333; Gordon 32,197; William Kramer, Reg. N George F. Lehn Reg. No. 38,55 the Patent and	Reg. No. 23,063; Robert V gart, Reg. No. 24,861; Lo Inge, Reg. No. 26,916; o. 29,710; Howard L. Ber Kit, Reg. No. 30,764; Sun H. Mandir, Reg. No. 32 to. 33,725; Paul F. Neils, ligk, Reg. No. 36,359, Jol 1 and Edward F. Kenehar Trademark Office conne	Sloan, Reg. No. 22,775; I uis Gubinsky, Reg. No. 24, Joseph J. Ruch, Jr., Reg. Trustein, Reg. No. 25,665; Asan J. Mack, Reg. No. 30,92,156; Brian W. Hannon, F. Reg. No. 33,102; Brett S. Shn T. Callahan, Reg. No. 31, Reg. No. 28,962, my attocted therewith, and requesting the substant of the substant in	Macpeak, Reg. No. 19,292; Rober Peter D. Olexy, Reg. No. 24,513; 835; Neil B. Siegel, Reg. No. 25, No. 26,577; Sheldon I. Landsma: Alan J. Kasper, Reg. No. 25,426; 951; Frank L. Bernstein, Reg. No. Reg. No. 32,778; Abraham J. Ros Sylvester, Reg. No. 32,765; Robe 12,607, Steven M. Gruskin, Reg. Dorneys to prosecute this application of that all correspondence about 90 Pennsylvania Avenue, N.W., W.	J. Frank Osha, Reg. No. 24,625; 200; David J. Cushing, Reg. No. n, Reg. No. 25,430; Richard C. Kenneth J. Burchfiel, Reg. No. 31,484; Mark Boland, Reg. No. mer, Reg. No. 33,276; Bruce E. at M. Masters, Reg. No. 35,603, No. 36,818, Peter A. McKenna, on and to transact all business in the application be addressed to
belief are believed so made are pu	ved to be true; and further unishable by fine or impri	that these statements were sonment, or both, under S	owledge are true and that all state made with the knowledge that wil ection 1001 of Title 18 of the U n or any patent issuing thereon.	Ilful false statements and the like
Date		First Inven		HONJO
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Date				Fourth Inventor		ıneth		JACOBS
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Date	11/28/01			Fifth Inventor	X)Joh	n M.	W.111 M.2.	McCoy Last Name
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Date				_ Sixth Inventor	<u>Lis</u>	a A.	Addd Lateral	Collins-Racie
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Date				Seventh Inve	entor	Edward R.		LaVallie
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Date				Eighth Inver	ntor	Maurice		Treacy `
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Citizenship	IRELAN	TD						
Date				Nimal T	<b></b>	Chara 1		~
Date				Ninth Inven	ior	Cheryl First Name	Middle Initial	Evans Last Name
Residence	Germanto	wn, MD	U.S.A.	S	Signatı	ır <b>d</b> O		
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Date				Tenth Inven	itor	Michael J. First Name	Middle Initial	Agostino Last Name
Residence	Andover,	MA	U.S.A.	5	Signati	1.0		
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Citizenship	U.S.				<del></del>	· · · · · · · · · · · · · · · · · · ·		
Date				Eleventh		Zhijian		Lu
				Inventor		First Name	Middle Initial	Last Name
Residence	Bedford,	MA	U.S.A.		Signat	He		
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Citizenship	_People's	s Rep. Of Chi	ina					

Date ·		_ 1	welfth Inventor	David		Merberg	
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Citizenship	U.S.	•					

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## DECLARATION AND POWER OF ATTORNEY

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to

my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled: A NOVEL POLYPEPTIDE, A cDNA ENCODING THE POLYPEPTIDE AND UTILIZATION THEREOF Which application is: ☐ The attached application ☑ Application No. 09/674,379 (for original application) filed October 30, 2000 as the U.S. national stage of PCT/JP99/02284, filed April 28, 1999 (for declaration not accompanying application) I/We have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware and which is material to the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, §119(e) of any United States provisional application(s), or §365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT International application having a filing date before that of the application on which priority is claimed: **Priority Claimed** Application Number Country Filing Date Yes No Hei. 10-119731 Japanese April 28, 1998  $\square$ I/We hereby claim the benefit under 35 United States Code §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Application No. Filing Date Status I/We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, George F. Lehnigk, Reg. No. 36,359, John T. Callahan, Reg. No. 32,607, Steven M. Gruskin, Reg. No. 36,818, Peter A. McKenna, Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213. I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Date First Inventor Tasuku OLNOH Last Name First Name Middle Initial Residence Kyoto Signature State/Country Mailing Address: 19-4, Ohsagi-cho, Iwakura, Sakyo-ku, Kyoto-shi, KYOTO 606-0001 JAPAN Citizenship Japanese

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Date				Third Inventor	To	moyuki		NAKAMURA
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William Radi	1033.	131 Deadi	nont revenue, re-	ading, WA 01007				
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Date				E.O. I	<b>~</b> -	1 14		
Date			<u></u>	Fifth Inventor		ohn M. rst Name	Middle Initial	McCoy  Last Name
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37.77. 4.11		56.11	1.C D. 11	14. 01067				
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Citizenship	U.K.							
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mzensinp						***************************************
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ale Pill	MACI (S)		_ Eighth inventor	First Name	Middle Initial	Treacy Last Name
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	City	State/Country	<del></del>	/ Juli	un gen	<i>P</i>
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failing Addr	ess: <u>38 C</u>	larinda Park East, Dun	Laoghaire, County	Dublin, IRELAN	ID	
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Citizenship	IRELAND					
Date			Ninth Inventor	Cheryl		Evans
			_ Name Hivelifor	First Name	Middle Initial	Last Name
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Citizenship	U.S.					
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Date ·		Twelfth	Inventor	David		Merberg
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